

Riley, George
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George Riley
225 Oak Pl
Pacific Grove, CA 93950

is of what we now call "angelic" and "demonic" entities, many historians also believe that are before the dawn.

An all-star cast enlivens this surreal depiction of the American dream and its effects on the eclectic homesteaders of a small town in 1955. Rooted in magical realism, *Big Fish* is a likable and humorous fairy tale from the Fisher Brothers. Roger Ebert gives *Big Fish* a masterpiece. A visionary epic! One of my favorite films this year!

5-8-04

I still find it very hard to believe that nuclear materials are still developed without a safe way to dispose of every bit of the contaminants. Radioactive materials will pollute everything and everywhere eventually. In the long run, humans lose. In the long run, the earth is destroyed. Whatever happens to stewardship and man's need to be responsible, accountable.

Do not expand weapons making. Let must stop somewhere. ~~But not for 2 yrs!~~

George Riley.

Tom Grim, Doc. Mgr.

U.S. DOE

NNSS L-293

Livermore Site Office

7000 East Avenue

Livermore CA

94550



1/04.01

Riverwoman, Barbara
Page 1 of 1

2120 W. Pacific Ave #46
Santa Cruz, CA 95060

Dear Mr. Grim,

How can we stop this? Were you, or some other heroic person, step outside the circle of madness in which we are "imprisoning" ourselves. Are we capable, as a race, of reversing this terrible rush towards self destruction? Why would we deliberately poison our planet, poison ourselves. Why would we create weapons of mass destruction as we bomb others for creating weapons of mass destruction.

What if you spoke up? You would lose your job. I would send you a monthly check to help you until you got a new job. I bet thousands of others would, too. Please do something.

Sincerely,

Barbara Riverwoman

I am an early childhood educator in a local community college and a grandmothere. PPS My friend Judy said she will also help.

1/04.01

Rothenberg, P.E., Keith
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May 21, 2004

Mr. Tom Grim, Documents Manager
DOE, NNSA, L-293
7000 East Avenue
Livermore, CA 94550

Dear Mr. Grim,

My name is Keith Rothenberg and I have been a homeowner in Livermore, CA since 1983. I am a native Californian and my family has resided in the Modesto area since 1920. I am an energy efficiency engineer and I own a business that reduces energy consumption in industrial and commercial buildings. I am the founder and current director of the Friends of Sycamore Grove, a local environmental group promoting the health and sustenance of California's 3rd largest stand of Sycamore trees.

1/17.06 I have familiarized myself with the Site-Wide Environmental Impact Statement and the Lab's 10-year plan for Site 300. I am deeply concerned about the potential impact on the
2/04.02 wildlife at Site 300, as well as about the air quality for residents of Tracy and the larger Central Valley. I understand that the lab is proposing to build a 40,000-square foot high explosives processing facility with four magazines storing up to 3000 pounds of high explosives. I also understand that open air explosives testing on a weekly to daily basis is proposed just one mile from the site's northern border.

3/16.05 As a conservationist, I am concerned about the preservation of California's wildlife and endangered species. The proposed explosives testing may injure or kill Golden Eagles, Prairie Falcons, Northern Harriers, Black-Shouldered Kites, Ferruginous Hawks and Red-Tailed Hawks due to flying debris and shock overpressure. Your operations under any alternative could also affect SIX federally listed endangered or threatened or candidate species due to possible disturbance of habitat. These are the CA Red-Legged Frog, CA Tiger Salamander, Alameda Whipsnake, San Joaquin Kitfox, Valley Elderberry Longhorned Beetle and the Large-Flowered Fiddleneck (which was thought to be extinct in California.)

4/16.03 Plans in the SWEIS also require a greater than ever "take" of wildlife and violate the DOE'S current agreement with the US Fish and Wildlife to limit the harm and killing of
5/16.02 wildlife to 25 species. The plan further proposes the "termination" of a wetland known as a breeding pond for the CA Red-Legged Frog and, alternatively, creating a wetland at the Sharp Facility which is known to have "low concentrations" of tritium. I find these plans unacceptable.

6/16.04 Site 300 is amidst one the largest native grasslands of this kind currently known in California. Considering the disruption to the grasslands and the many wildlife threats mentioned above, the SWEIS plan is out of line in its proposed destructive impact on nature and habitat.

Rothenberg, P.E., Keith
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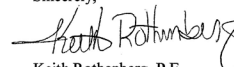
7/08.01

I believe that it is essential to preserve the state's remaining plant and animal refuges. Please move open air testing to deserted places where fewer species reside. The storage and testing of explosives should occur in an area of the country where there are limited pressures of population growth and agriculture. Why add pollutants

8/24.02

to the already compromised air quality of the growing central valley? **Tracy already has an elevated inhalation cancer risk**, as do Manteca and Stockton. Do not execute a plan which will increase air and ground pollution and which will further deplete our local our wildlife heritage, particularly the endangered and at-risk species.

Sincerely,



Keith Rothenberg, P.E.
23 Diamond Dr.
Livermore, CA 94550

CC: Senators Diane Feinstein and Barbara Boxer, Rep. Ellen Tauscher

**San Francisco Bay Regional Water Quality Control Board, Naomi L. Feger,
Remedial Project Manager
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**Sarvey, Bob
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Grim, Tom

RECEIVED MAY 21 2004 01606

From: Naomi Feger [Nlf@rb2.swrcb.ca.gov]
Sent: Friday, May 21, 2004 3:37 PM
To: tom.grim@oak.doe.gov
Subject: re LLNL SWEIS



Naomi Feger.vcf
(295 B)

1/31.02

Dear Mr. Grim - I would like to request an extension to the comment period on the LLNL Sitewide EIS. The public notice advising that the public comment period closes on May 27, 2004 was received in this office on May 20, 2004 and I will be unable to complete my review by that date. Please allow a 30-day extension to this deadline.

Very Truly Yours,

Naomi Feger

Naomi L. Feger
Remedial Project Manager
SF Bay RWQCB
1515 Clay Street, Suite 1400
Oakland, CA 94612

April 15, 2004

Thomas Grim, Livermore Site Office Document Manager
NNSA
7000 East Avenue, MS L-293
Livermore, CA 94550-9234

Fax: (925)422-1776
Email: tom.grim@oak.doe.gov

RE: DOE/EIS-0348 and DOE/EIS-0236-S3

Dear Mr. Grim:

On behalf of TRAQ, representing residents of Tracy and San Joaquin County, I wish to thank you for the opportunity to make these comments. Our comments focus on Site 300, Livermore Lab's high explosives test site in Tracy:

1. **Radioactive tritium (or any other radioactive substance such as depleted uranium) should not be allowed in "shots" --test explosions -- at Site 300 nor in environmental testing of explosives assemblies that release radioactive tritium into the environment.**
1/17.01 Detonation experiments containing tritium at Site 300 firing tables or the Building 801 Contained Firing Facility, resulting in a maximum annual tritium emissions of 200 curies in the No Action Alternative are unacceptable. Even the current allowable 150 curie limit is unacceptable.
The community was assured in the 1992 SWEIS public hearings that no tritium would be used in shots. Please describe what is actually occurring in terms of releases of radioactive substances being used in shots, environmental testing of explosives assemblies or in other experiments.
2. **No increased dose to workers or the community should be allowed.**
2/23.01 The ionizing dose to the general public was 0.5 person-rem per year from the Livermore site and 2.5 person-rem per year from Site 300 in 2002. The population dose to the general public under all three alternatives would increase to 1.8 person-rem per year from the Livermore Site and 9.8 person-rem per year from Site 300. the corresponding LCFs for all three alternatives would be 1.1 x 10 to the minus 3 from the Livermore site and 5.9 x 10 to the minus 3 from Site 300.
3. **Please provide agreements and arrangements made with fire protection, police, security and emergency services for incidents that may occur at Site 300.**
3/29.01 These arrangements and agreements must be available in order for the community to evaluate their adequacy. This information should include incidents that occur when

Sarvey, Bob
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3/29.01 cont.	explosives or other potentially harmful hazardous, radiological or biological substances are being transported to or from Site 300 via car, truck or airplane. This information should include potential impacts on local airports, too.
4/14.01	<p>4. Do Not Increase Dangerous Projects in a Seismically Active Area</p> <ul style="list-style-type: none"> Many buildings at LLNL have potential seismic difficulties. Some buildings at LLNL do not comply with federal seismic standards, have unacceptable seismic risks, need "detailed evaluation" to determine the seismic risk level including buildings where hazardous, radioactive or other substances that may harm the public or the environment are stored or involved in work processes. Please describe in detail all of these buildings at Site 300 and how they are used and what measures are being taken or planned to bring them up to code and when. At least two faults run through Site 300 and others run near Site 300. There is a lot of uncertainty around the amount of hazard that these faults pose. The lab should error on the side of caution and not explosive processing and storage facilities near or in the vicinity of these fault areas. Please describe the relationship of all planned activities to fault zones, potential harms/damages from an earthquake at the highest reasonably expected level and what if any precautions have been or will be taken to mitigate harm. The faults that run through Site 300 are not well understood, particularly how they might divert radioactive or hazardous groundwater plumes to new pristine water bodies or soil that rain could then carry to pristine waters. Please elaborate on this issue in the SP/SWEIS. In January of 1980 – 5.9 Quake along Greenville Fault in Livermore Area – Injured 44 people – Cost lab 10 million. Please describe if any damage has been done to Site 300 by earthquakes in the past or if damage is anticipated if a large quake should occur on a fault in Site 300 or within an area that could impact Site 300. <p>2. Preserve the local Environment and protect Endangered Species</p> <ul style="list-style-type: none"> The lab's site 300 "could be judged one of the largest native grasslands of this kind currently known in California." Please describe if there are other comparable grasslands and the value of this land, particularly in view of the fact that resources of this type continue to be lost. Please determine if there are other sites where the explosives tests could occur that would allow this grassland to be preserved. We would like to see a cost-benefit analysis with alternatives evaluated.
5/16.04	
6/25.03	At this site the Lab is proposing to build a new Energetic Materials Processing Center; a 40,000-square foot (High Explosives) processing facility with four magazines for storing up to 3,000 pounds of high explosives. Please describe the range of possible impacts should the high explosives detonate accidentally and unexpectedly.
7/16.05	Explosives Testing will occur one mile from sites Northern Border, on a "weekly to daily" basis that will primarily affect birds. "Diurnal raptors that forage directly over the facilities are the species most vulnerable to flying debris and shock overpressure."


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7/16.05 cont.	Some of the birds listed as possibly affected include the Golden Eagle, Prairie Falcon, Northern Harrier, Black-Shouldered Kite, Ferruginous Hawk and Red-Tailed Hawk. What other impacts might this testing have? What will the potential impact be on these bird populations and their habitat. Is there other habitat that it is realistic to expect them to use?
8/16.03	<ul style="list-style-type: none"> Operations under any alternative could potentially affect six federally listed endangered, threatened, proposed threatened, or candidate species due to potential disturbance of habitat including the California Red-Legged Frog and the California Tiger Salamander. Please describe specifically the potential impacts on these populations. What other animals or plants may be affected? Plans in the SWEIS will violate the DOE's current agreement with the US Fish & Wildlife to "take" (to harm or kill) 25 species – new projects will require a greater "take". Are there alternatives that would prevent or lower the rate of death of these species by modifying your work processes, making do with current buildings, conducting tests somewhere else?
9/16.02	<ul style="list-style-type: none"> A plan to "terminate" a wetland that is a known breeding pond for the California Red-Legged Frog which has been observed breeding there for the past six years. A possible mitigation measure suggested for this proposal is to create a wetland at the Sharp Facility, which they admit, is known to have "low concentrations" of tritium (radioactive hydrogen). Please review studies of potential tritium impacts on frogs that are taken from scientists that have different views on this subject, so that an objective range of opinions is available for the community to review. <p>5. Do not allow increases in waste generation that increase contamination to the air, water or soil at Site 300.</p>
10/22.02	<ul style="list-style-type: none"> The proposed plan would allow waste management activities to change to accommodate increased waste generation. Proposed changes would include modifying the permit status of existing facilities to allow different types of waste to be stored or treated, e.g. obtaining hazardous waste facility permits for areas now used for nonhazardous or radioactive waste management. The potential issuance of permits in the proposed plans that would increase the allowable amounts of hazardous chemicals at LLNL necessitate an analysis in the SP/SWEIS of the environmental impact of these chemicals and other substances involved.
11/24.02	<ul style="list-style-type: none"> No uncontaminated areas should be contaminated. Safe practices should be the top priority and no current standards, regulations or permits should be modified in any way that allow greater levels of contaminants. Please describe thoroughly if and how increases in contaminants to the air and soil may take place. No pristine water should be polluted and if this is to take place, please provide details about possible contaminants, levels, proposed mitigation, and risks involved.

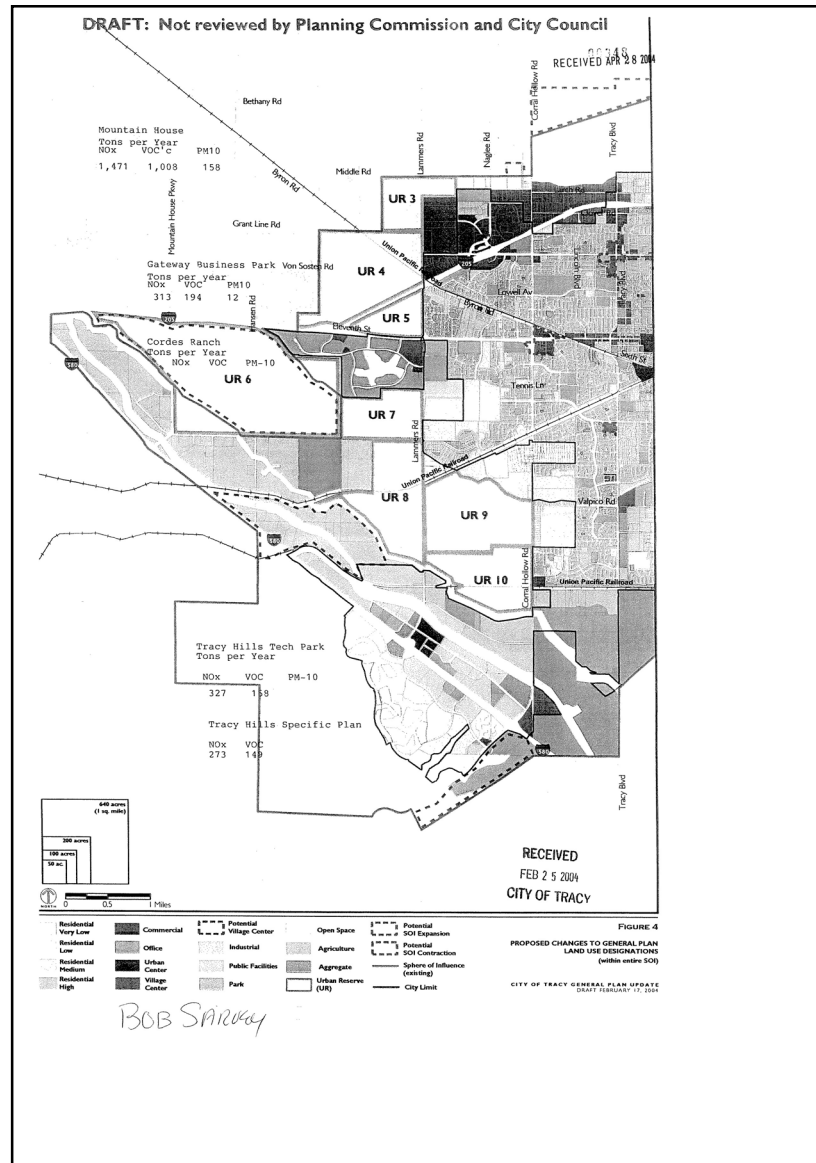
Sarvey, Bob
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10/22.02	cont.	<ul style="list-style-type: none"> Production or waste should not be increased unless we can be assured that the waste stream will not further pollute Site 300, harm workers or caused an increased risk to Tracy, located 2 miles from the site or other areas. If this previous statement is not true, please describe how, why and occupational protections for workers. What procedures will LLNL use to reduce or maintain current waste stream levels? If waste stream levels will increase, what will the NEPA process be to address the environmental impacts of such increases?
12/17.03		<p>6. All decontamination and decommissioning activities have not been thoroughly taken into consideration and should be.</p> <ul style="list-style-type: none"> Please be sure all radiological and nonradiological air quality and decontamination and decommissioning (D&D) is described at Site 300. Also please be sure that the EIS does take into consideration the full range of contaminants that D&D activities may involve. For example, if asbestos contamination is addressed, the discussion must also address any of the other contaminants that may exist in a facility as a result of the particular scientific research that is conducted at Site 300. Discussion of the potential air quality effects of D&D from other sorts of contaminants should be incorporated into the EIS. Buildings or floorspace marked for D&D may have been the site of unique exposure to contaminants that, although not common to all of the D&D activities, warrant consideration because of the singular problems they may pose. Also, the potential effects on air quality from both the transportation and eventual disposal/storage of contaminated demolished facilities needs to be taken into account. The potential for adverse air quality effects exists not only at LLNL, but also at any facility to which D&D materials are transported, as well as the regions through which the materials are transported. Such discussion should be incorporated in the EIS.
13/11.01		<p>7. Please complete the National Register of Historic Places evaluation particularly of subsurface prehistoric cultural resources. In addition, vertebrate fossil, shells, leaves and stem deposits at Site 300 should be evaluated further.</p> <ul style="list-style-type: none"> We may have unknown treasures buried in the hills at Site 300 that are far more valuable than using the land for test explosions. Learning the extent of possible prehistoric treasures would better allow protection of such resources and an adequate cost-benefit analysis to determine the best use of this land.
14/06.01		Generally speaking, we hope you will reconsider the Proposed Action alternative and instead chose the reduced action alternative. Livermore Lab should be placing its major resources into research on global warming, energy alternatives -- to end our dependence on oil, and cleanup technologies for areas already contaminated by radioactive, chemical and biological weapons and waste. Continued and more aggressive nuclear weapons development and research and research on high-level and genetically-modified biowarfare
15/02.01		
16/04.01		

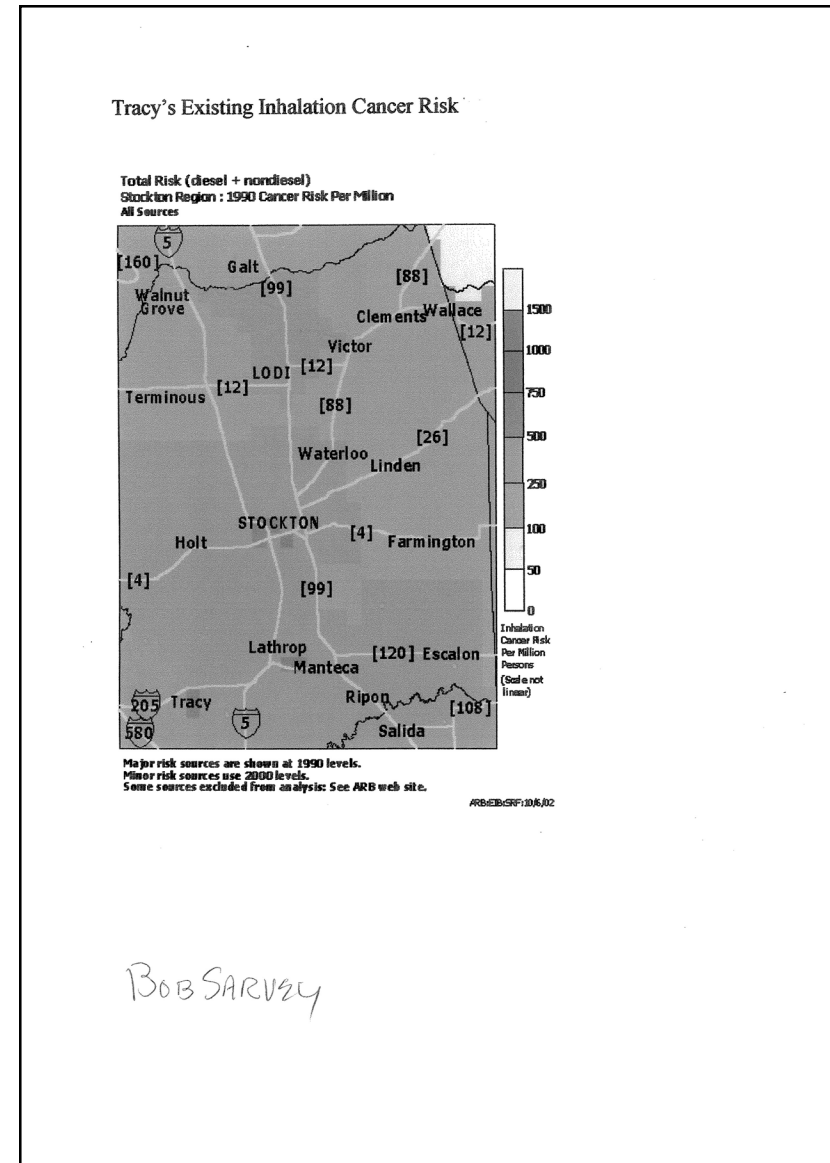
Sarvey, Bob
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16/04.01	cont.	<p>agents further harm our environment, public health, economy and undermine our national security.</p> <p>Once again, let me say that we appreciate the opportunity to be involved in the public hearing process and commenting on the SP/SWEIS that will impact our environment, health and security for the rest of our lives and the lives of our children and grandchildren.</p> <p>Sincerely,</p> 
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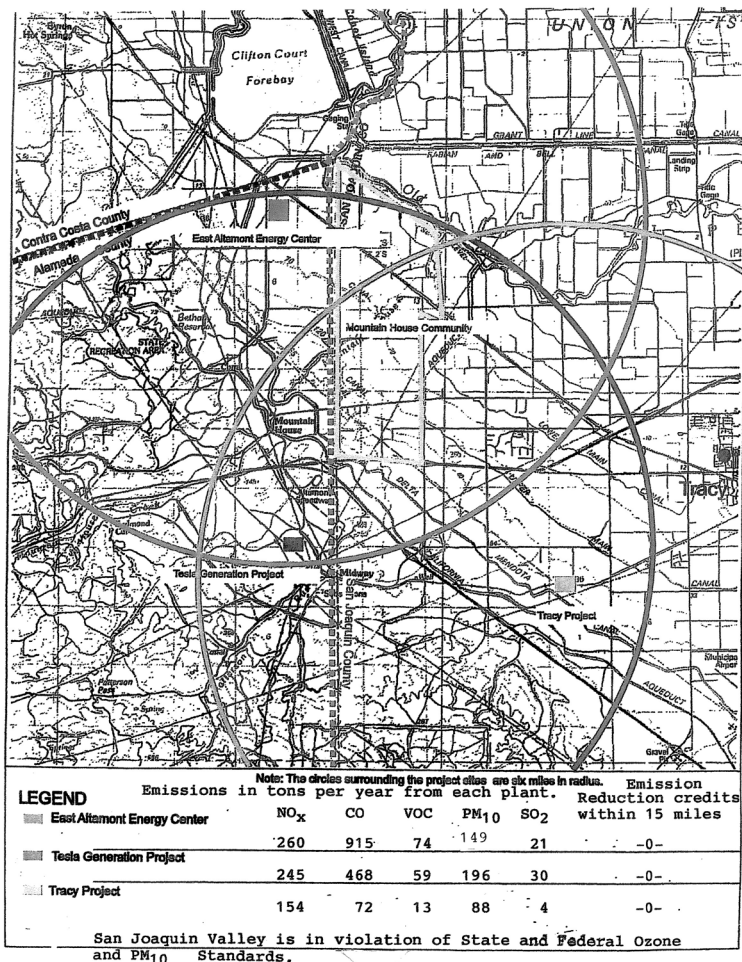


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Savage, Matt
Page 1 of 1



BOB SARVEY

Dear Mr. Grim,

1/04.01

I am writing in opposition to the Environmental Impact Statement on Livermore Labs planned operations for the next ten years. This plan is terrible for both the environment and for american geopolitical strategies. This plan will double re plutonium limits at labs. It will also revive plutonium atomic vapor laser separation. This will also enable the production of 150-450 bomb ~~cores~~ ~~at~~ cores annually, with ability to run double shifts and produce 900 a year. It will also increase amount of airborne radioactivity. This will also develop diagnostics to "enhance" nations' readiness to restart nuclear tests. And finally, this will ~~start~~ bio-warfare development including on that. These developments are unnecessary, this centre doesn't need more weapons or pollution.

Thank you very much for your concern,

Matt Savage